

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

ESTABLISHMENTS AND PRODUCTS

LICENSED UNDER SECTION 351 OF THE PUBLIC HEALTH SERVICE ACT



PUBLIC HEALTH SERVICE PUBLICATION NO. 50
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DIVISION OF BIOLOGICS STANDARDS
NATIONAL INSTITUTES OF HEALTH
BETHESDA, MARYLAND 20014

INTRODUCTION

Public Health Service Publication No. 50 contains listings of establishments holding licenses issued in accordance with section 351 of an act of Congress approved July 1, 1944, entitled "Public Health Service Act" (42 U.S.C. 201, et. seq.), and products which these establishments are licensed to manufacture. Section 351 of this act is designed to regulate the sale, barter and exchange of viruses, serums, toxins, antitoxins, vaccines, blood, blood components or derivatives, allergenic products, or analogous products, or arsphenamine or its derivatives (or any other trivalent organic arsenic compound) in the District of Columbia, in Interstate and foreign commerce, and for other purposes.

The granting of a product license means that it has been demonstrated that the establishment and the product for which a license has been issued have met all applicable standards (published in Title 42, Code of Federal Regulations, Part 73) designed to insure the continued safety, purity and potency of such products. The licenses granted to these establishments for the products mentioned do not imply an endorsement of the respective preparations nor do they make the Government a guarantor or insurer of the safety, purity and potency of such licensed products. A license issued to an establishment to manufacture a particular product remains valid until revoked or suspended for failure of such establishment or product to comply with the applicable regulations designed to insure the continued safety, purity and potency of such products or by voluntary surrender of such license by the manufacturer.

This publication consists of four parts:

- Part I Licensed establishments listed alphabetically with license number. This section may be used as an index to Part II as it also contains a listing of page numbers.
- Part II Licensed establishments listed numerically by license number and the products each establishment is licensed to manufacture.
- Part III An alphabetical list of biologic products with the license number of each establishment licensed to manufacture each product.
- Part IV An alphabetical list of biologic products by category.

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ESTABLISHMENTS LISTED BY LICENSE NUMBER
AND PRODUCTS FOR WHICH EACH IS LICENSED

PART II

LIC. NO. ESTABLISHMENT AND PRODUCT

I PARKE, DAVIS & CO., DETROIT, MICH.

Antitoxins

B. *oedematis* Antitoxin
Pertussis Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

Bacterial Antigens

2 Polyvalent bacterial antigens with "No U.S.
Standard of Potency"

Bacterial Vaccines

Pertussis Vaccine
Pertussis Vaccine Adsorbed
1 Polyvalent bacterial vaccine with "No U.S.
Standard of Potency"
Typhoid and Paratyphoid Vaccine

Bacterial Vaccines and Antigens Combined

2 polyvalent bacterial vaccines and bacterial antigens with
"No U.S. Standard of Potency"

Blood and Blood Derivatives

Antihemophilic Factor (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
with Chloramphenicol
Histamine Azoprotein
Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)
Thrombin

Diagnostic Substances for Dermal Tests

Blastomycin
Diphtheria Toxin for Schick Test
Histoplasmin
Tuberculin
Dil
Purified Protein Derivative

Diagnostic Substances for Laboratory Tests

Anti-Human Chorionic Gonadotropic Serum
Anti-Influenza Virus Serum for the Hemagglutination
Inhibition Test
Influenza Virus Hemagglutinating Antigen

LIC. NO.

ESTABLISHMENT AND PRODUCT

1 PARKE, DAVIS & CO. (cont'd)

Miscellaneous

Allergenic Extracts
Oxophenarsine Hydrochloride
Poison Ivy Extract

Modified Bacterial Antigens

1 polyvalent modified bacterial antigen with "No U.S. Standard of Potency"

Multiple Antigen Preparations

Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed
Diphtheria and Tetanus Toxoids
Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis and Poliomylitis Vaccines Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed and Poliomylitis Vaccine
Staphylococcus Toxoid and Bacterial Antigen made from Staphylococcus (Albus and Aureus)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Adenovirus Vaccine
Influenza Virus Vaccine
Poliomyelitis Vaccine
Poliomyelitis Vaccine Adsorbed
Rabies Vaccine
Smallpox Vaccine

2 MERCK SHARP & DOHNE, DIVISION OF MERCK & CO., INC.,
WEST POINT, PA.

Bacterial Antigens

3 Polyvalent bacterial antigens with "No U.S. Standard of Potency"

Bacterial Vaccines

Cholera Vaccine
Typhoid Vaccine

Blood and Blood Derivatives

Fibrinogen (Human)
Fibrinogen with Antithrombinic Factor (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin (Human)
Gamma Globulin (Human), Pepsin-Modified
Gamma Globulin (Human)

Thrombin

Thrombin (Human)

LIC.NO.

ESTABLISHMENT AND PRODUCT

2 MERCK SHARP & DOHME (cont'd)

Diagnostic Substances for Dermal Tests

Brucella Skin Test Antigen
Tuberculin
Purified Protein Derivative

Miscellaneous

Antivenin (*Laurodeatus mactans*)
Blood Group Specific Substances A and B
Poison Ivy Extract

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
and Poliomyelitis Vaccine
Measles-Smallpox Vaccine, Live
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Sensitized Bacterial Vaccines

Three Polyvalent sensitized bacterial vaccines with
"No U.S. Standard of Potency"

Toxoids and Toxins for Immunization

Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
Measles Virus Vaccine, Live, Attenuated
Mumps Virus Vaccine, Live
Poliomyelitis Vaccine
Rubella Virus Vaccine, Live
Rubella and Mumps Virus Vaccine, Live
Smallpox Vaccine
Typhus Vaccine

3 WYETH LABORATORIES, INC., MARIETTA, PA.

Antitoxins

Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

Bacterial Vaccines

Cholera Vaccine
Pertussis Vaccine
Typhoid Vaccine

Blood and Blood Derivatives

Normal Horse Serum
Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test

Miscellaneous

Antivenin (Crotalidae) Polyvalent
Antivenin (*Micrurus fulvius*)

LIC. NO. ESTABLISHMENT AND PRODUCT

3 WYETH LABORATORIES, INC. (cont'd)

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Adenovirus Vaccine
Influenza Virus Vaccine
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3
Smallpox Vaccine

8 CUTTER LABORATORIES, INC., BERKELEY, CALIF.

Bacterial Vaccines

Plague Vaccine

Blood and Blood Derivatives

Factor IX Complex (Human)
Fibrinogen (Human)
Immune Serum Globulin (Human)
Mumps Immune Globulin (Human)
Normal Serum Albumin (Human)
Pertussis Immune Globulin (Human)
Plasma Protein Fraction (Human)
Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Coccidioidin

Miscellaneous

Poison Ivy Extract
Poison Oak Extract

Toxoids and Toxins for Immunization

Tetanus Toxoid

Viral and Rickettsial Vaccines

Poliomyelitis Vaccine
Smallpox Vaccine

17 LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID CO.,
PEARL RIVER, N.Y.

Antitoxins

Botulism Antitoxin
Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

LIC. NO.

ESTABLISHMENT AND PRODUCT

17 LEDERLE LABORATORIES (cont'd)

Bacterial Vaccines

Cholera Vaccine
Pertussis Vaccine
Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Histoplasmin
Lymphogranuloma Venereum Antigen
Tuberculin
Old

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-Human Serum
Anti-K Serum (Anti-Kell)
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀⁺ (Anti-CD)
Anti-Rh₀rh⁺ (Anti-CDE)
Anti-rh⁺ (Anti-C)
Anti-rh⁺ (Anti-C^W)
Anti-rh⁺ (Anti-E)
Anti-hr⁺ (Anti-c)
Anti-hr⁺ (Anti-e)
Anti-s Serum

Miscellaneous

Allergenic Extracts
Streptokinase-Streptodornase
Trichinella Extract

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Therapeutic Immune Serums

Antirabies Serum

Toxoids and Toxins for Immunisation

Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

LIC. NO.

ESTABLISHMENT AND PRODUCT

17 LEDERLE LABORATORIES (cont'd)

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
 Measles Virus Vaccine, Live, Attenuated
 Mumps Vaccine
 Poliovirus Vaccine, Live, Oral, Trivalent
 Poliovirus Vaccine, Live, Oral, Type 1
 Poliovirus Vaccine, Live, Oral, Type 2
 Poliovirus Vaccine, Live, Oral, Type 3
 Rabies Vaccine
 Rocky Mountain Spotted Fever Vaccine
 Smallpox Vaccine
 Typhus Vaccine

21 SWISS SERUM AND VACCINE INSTITUTE BERNE, BERNE, SWITZERLAND

Antitoxins

Tetanus Antitoxin

Toxoids and Toxins for Immunization

Tetanus Toxoid Adsorbed

43 ABBOTT LABORATORIES, NORTH CHICAGO, ILL. with location at:
Chicago, Ill.*Blood and Blood Derivatives*

Aggregated Radio-Iodinated (1131) Albumin (Human)
 Radio-Iodinated (1125) Serum Albumin (Human)
 Radio-Iodinated (1131) Serum Albumin (Human)

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Fye Serum (Anti-Duffy)
 Anti-Human Serum
 Anti-M Serum
 Anti-Rh Typing Serums:
 Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-Rh₀⁺ (Anti-DE)
 Anti-Rh₀rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Reagent Red Blood Cells (Human)

51 THE UPJOHN CO., KALAMAZOO, MICH.

Blood and Blood Derivatives

Thrombin

LIC. NO.

ESTABLISHMENT AND PRODUCT

52 E. R. SQUIBB & SONS, INC., NEW BRUNSWICK, N.J.

Blood and Blood Derivatives

Aggregated Radio-Iodinated (I131) Albumin (Human)
 Antihemophilic Factor (Human)
 Fibrinogen (Human)
 Immune Serum Globulin (Human)
 Normal Serum Albumin (Human)
 Radio Chromated (Cr51) Serum Albumin (Human)
 Radio-Iodinated (I125) Serum Albumin (Human)
 Radio-Iodinated (I131) Serum Albumin (Human)
 Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Lymphogranuloma Venereum Antigen

Multiple Antigen Preparations

Staphylococcus Toxoid and Bacterial Antigen made from
 Staphylococcus (Albus and Aureus)

56 ELI LILLY & CO., INDIANAPOLIS, IND.

Antitoxins

Diphtheria Antitoxin
 Perfringens Antitoxin
 Tetanus Antitoxin
 Tetanus and Gas Gangrene Polyvalent Antitoxin
 V. septique Antitoxin

Bacterial Antigens

7 Polyvalent bacterial antigens with "No U.S.
 Standard of Potency"

Bacterial Vaccines

Cholera Vaccine
 Pertussis Vaccine
 6 Polyvalent bacterial vaccines with "No U.S.
 Standard of Potency"
 Typhoid Vaccine
 Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Measles Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test
 Mumps Skin Test Antigen
 Schick Test Control
 Tuberculin
 Old

Miscellaneous

Allergenic Extracts

LIC.NO.

ESTABLISHMENT AND PRODUCT

56 ELI LILLY & CO. (cont'd)

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids
Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
and Polioyeilitis Vaccine
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Tetanus Toxoid

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
Measles Virus Vaccine, Inactivated
Measles Virus Vaccine, Live, Attenuated
Mumps Vaccine
Polioyeilitis Vaccine
Rabies Vaccine
Smallpox Vaccine
Typhus Vaccine

64 MASSACHUSETTS PUBLIC HEALTH BIOLOGIC LABORATORIES, BOSTON, MASS.

Antitoxins

Diphtheria Antitoxin
Tetanus Antitoxin

Bacterial Vaccines

Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test
Schick Test Control
Tuberculin
Old

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Smallpox Vaccine

LIC. NO. ESTABLISHMENT AND PRODUCT

- 73 CONNAUGHT MEDICAL RESEARCH LABORATORIES, UNIVERSITY OF TORONTO,
WILLOWDALE, ONTARIO, CANADA

Antitoxins

Botulism Antitoxin
Diphtheria Antitoxin
Staphylococcus Antitoxin
Tetanus Antitoxin

Bacterial Vaccines

BCG Vaccine

Blood and Blood Derivatives

Normal Serum Albumin (Human)

Diagnostic Substances for Dermal Tests

Tuberculin
Purified Protein Derivative

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Staphylococcus Toxoid
Tetanus Toxoid

Viral and Rickettsial Vaccines

Poliomyelitis Vaccine
Smallpox Vaccine

- 77 MALLINCKRODT CHEMICAL WORKS, MARYLAND HEIGHTS, MO.

Blood and Blood Derivatives

Aggregated Radio-Iodinated (1131) Albumin (Human)
Radio-Iodinated (1125) Serum Albumin (Human)
Radio-Iodinated (1131) Serum Albumin (Human)

- 84 TERRELL'S LABORATORIES, FORT WORTH, TEX.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

Miscellaneous

Allergenic Extracts

- 91 HOLLISTER-STIER LABORATORIES, SPRINGFIELD, MASS. with locations at:

Downers Grove, Ill. Yeadon, Pa.
Los Angeles, Calif. Atlanta, Ga.
Dallas, Tex.

Bacterial Vaccines

2 Polyvalent bacterial vaccines with "No U.S.
Standard of Potency"

Miscellaneous

Allergenic Extracts
Poison Ivy Extract
Poison Ivy-Poison Oak Extracts Combined
Poison Oak Extract

LC NO.

ESTABLISHMENT AND PRODUCT

97 BEHRINGWERKE AG., MARBURG-LAHN, GERMANY

Miscellaneous

Streptokinase-Streptodornase

Toxoids and Toxins for Immunisation

Diphtheria Toxoid Adsorbed

Tetanus Toxoid Adsorbed

99 BUREAU OF LABORATORIES, MICHIGAN DEPARTMENT OF PUBLIC HEALTH,
LANSING, MICH.

Antitoxins

Diphtheria Antitoxin

Tetanus Antitoxin

Bacterial Vaccines

Anthrax Vaccine Adsorbed

Pertussis Vaccine

Pertussis Vaccine Adsorbed

Typhoid Vaccine

Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Antihemophilic Globulin (Human)

Fibrinogen (Human)

Immune Serum Globulin (Human)

Normal Horse Serum

Normal Rabbit Serum

Normal Serum Albumin (Human)

Tetanus Immune Globulin (Human)

Whole Blood (Human)

ACD

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test

Histoplasmin

Schick Test Control

Tuberculin

Old

Diagnostic Substances for Laboratory Tests

Pneumococcus Typing Serum

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed

Therapeutic Immune Serums

Anti-Hemophilus Influenzae Type b Serum

Toxoids and Toxins for Immunisation

Diphtheria Toxoid Adsorbed

Tetanus Toxoid Adsorbed

and Rickettsial Vaccines

as Vaccine

Ipox Vaccine

LIC. NO. ESTABLISHMENT AND PRODUCT

- 101 THE NATIONAL DRUG CO., DIVISION OF RICHARDSON-MERRELL, INC.,
PHILADELPHIA, PA. with location at: Swiftwater, Pa.

Antitoxins

Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

Bacterial Vaccines

Cholera Vaccine
Pertussis Vaccine
2 Polyvalent bacterial vaccines with "No U.S.
Standard of Potency"
Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Staphylococcus Toxoid and Bacterial Vaccine made from
Staphylococcus (Aureus)
Staphylococcus Toxoid-Streptococcus Toxin-Bacterial Vaccine
made from Staphylococcus (Aureus), Streptococcus
(Hemolyticus), Pneumococcus and Hemophilus Influenzae
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Staphylococcus Toxoid
Streptococcus Erythrogenic Toxin
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
Rabies Vaccine
Smallpox Vaccine
Yellow Fever Vaccine

- 102 MULFORD COLLOID LABORATORIES DIVISION OF LEMMON PHARMACEUTICAL CO.,
SELLERSVILLE, PA.

Miscellaneous

Poison Ivy Extract

- 103 ALLERGY LABORATORIES, INC., OKLAHOMA CITY, OKLA.

Miscellaneous

Allergenic Extracts

- 107 PORRO BIOLOGICAL LABORATORIES, INC., TACOMA, WASH.

Miscellaneous

Allergenic Extracts

LIC. NO.

ESTABLISHMENT AND PRODUCT

110 THE DOW CHEMICAL CO., ZIONSVILLE, IND.

Bacterial Vaccines

Pertussis Vaccine
Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

Blood and Blood Derivatives

Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria Toxoid and Pertussis Vaccine Adsorbed

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Influenza Virus Vaccine
Measles Virus Vaccine, Live, Attenuated
Polio-myelitis Vaccine

113 MICHAEL REESE RESEARCH FOUNDATION, CHICAGO, ILL.

Blood and Blood Derivatives

Antithrombophilic Plasma (Human)
Normal Human Plasma
Normal Human Serum
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

119 BARRY LABORATORIES, INC., POMPANO BEACH, FLA.

Miscellaneous

Allergenic Extracts
Poison Ivy Extract
Poison Ivy-Oak-Sumac Extracts Combined
Poison Sumac Extract

LIC.NO.

ESTABLISHMENT AND PRODUCT

- 121 TEXAS STATE DEPARTMENT OF HEALTH, AUSTIN, TEX.

Bacterial Vaccines

Pertussis Vaccine
Typhoid Vaccine

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schlick Test
Schlick Test Control
Tuberculin
Old

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

Toxoids and Toxins for Immunization

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Tetanus Toxoid
Tetanus Toxoid Adsorbed

Viral and Rickettsial Vaccines

Rabies Vaccine

- 125 HYNSON, WESTCOTT & DUNNING, BALTIMORE, MD.

Miscellaneous

Cobra Venom Solution
Cobra Venom with Silicic and Formic Acids

- 129 WELLCOME FOUNDATION, LTD., WELLCOME RESEARCH LABORATORIES,
-
- BECKENHAM, KENT, ENGLAND

Antitoxins

Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin

- 136 HOFFMANN-LA ROCHE, NUTLEY, N.J.

Diagnostic Substances for Laboratory Tests

Anti-Human Chorionic Gonadotropic Serum

- 139 THE PHILADELPHIA BLOOD CENTER, PHILADELPHIA, PA.

Blood and Blood Derivatives

Poliomyelitis Immune Globulin (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

139 THE PHILADELPHIA BLOOD CENTER (cont'd)

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
 Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Human Serum
 Anti-K Serum (Anti-Kell)
 Anti-M Serum
 Anti-N Serum
 Anti-Rh Typing Serums:
 Anti-Rh₀ (Anti-D)
 Anti-Rh₀' (Anti-CD)
 Anti-Rh₀" (Anti-DE)
 Anti-Rh₀rh'rh" (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr" (Anti-e)
 Reagent Red Blood Cells (Human)

140 TRAVENOL LABORATORIES, COSTA MESA, CALIF. with locations at:
Los Angeles, Calif. Morton Grove, Ill. Cleveland, Miss.*Bacterial Antigens*

Pseudomonas Polysaccharide

Blood and Blood Derivatives

Antihemophilic Factor (Human)
 Antihemophilic Plasma (Human)
 Factor IX Complex (Human)
 Fibrinogen (Human)
 Immune Serum Globulin (Human)
 Measles Immune Globulin (Human)
 Mumps Immune Globulin (Human)
 Normal Serum Albumin (Human)
 Pertussis Immune Globulin (Human)
 Plasma Protein Fraction (Human)
 Red Blood Cells (Human)
 Tetanus Immune Globulin (Human)
 Vaccinia Immune Globulin (Human)
 Whole Blood (Human)
 ACD
 CPD

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
 Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Fy_a Serum (Anti-Duffy)
 Anti-Human Chorionic Gonadotropic Serum
 Anti-Human Serum
 Anti-I Serum
 *** " Serum (Anti-Kell)
 " Serum (Anti-Lewis)

LIC. NO. ESTABLISHMENT AND PRODUCT

140 TRAVENOL LABORATORIES (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-Rh Typing Serums:

Anti-Rho (Anti-D)
 Anti-Rho⁺ (Anti-CD)
 Anti-Rho⁺ (Anti-CE)
 Anti-Rho⁺ rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh⁺ (Anti-C⁺)

Anti-S Serum

Anti-s Serum

Haemophilus influenzae Typing Serum

Reagent Red Blood Cells (Human)

147 ENDO LABORATORIES, INC., GARDEN CITY, N.Y.

Miscellaneous

Allergenic Extracts

149 ARMOUR PHARMACEUTICAL CO., CHICAGO, ILL. with locations at:
 Chicago, Ill. Kankakee, Ill.

Blood and Blood Derivatives

Immune Serum Globulin (Human)
 Normal Serum Albumin (Human)
 Plasma Protein Fraction (Human)
 Tetanus Immune Globulin (Human)

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Human Serum
 Anti-K Serum (Anti-Kell)
 Anti-Le^a Serum (Anti-Lewis)
 Anti-M Serum
 Anti-N Serum

Anti-Rh Typing Serums:

Anti-Rho (Anti-D)
 Anti-Rho⁺ (Anti-CD)
 Anti-Rho⁺ (Anti-CE)
 Anti-Rho⁺ rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)

Anti-U Serum (Anti-Ss)

Reagent Red Blood Cells (Human)

Miscellaneous

Blood Group Specific Substance A
 Blood Group Specific Substance B
 Blood Group Specific Substances A and B

LIC.NO.

ESTABLISHMENT AND PRODUCT

152 GOTHAM PHARMACEUTICAL CO., INC. BROOKLYN, N.Y.

Miscellaneous

Allergenic Extracts

154 JOHN ELLIOTT BLOOD BANK OF DADE COUNTY, INC., MIAMI, FLA.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

155 WIENER SERUM LABORATORY, BROOKLYN, N.Y.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-Fy^a Serum (Anti-Duffy)

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-k Serum (Anti-Cellano)

Anti-M Serum

Anti-N Serum

Anti-Rh Typing Serums:

Anti-Rh₀ (Anti-D)Anti-Rh₀⁺ (Anti-CD)Anti-Rh₀⁺ (Anti-DE)Anti-rh⁺ (Anti-C)Anti-rh⁺ (Anti-E)Anti-hr⁺ (Anti-c)Anti-hr⁺ (Anti-e)Anti-rh⁺ and Anti-K Serum (Anti-(C+Kell))

156 ORTHO PHARMACEUTICAL CORP., RARITAN, N.J.

Blood and Blood Derivatives

Fibrinogen (Human)

Fibrinolysin (Human)

Immune Serum Globulin (Human)

Normal Serum Albumin (Human)

Protifibrinolysin (Human)

Rh₀ (D) Immune Globulin (Human)

Thrombin

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Fy^a Serum (Anti-Duffy)

Anti-Human Chorionic Gonadotropic Serum

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-k Serum (Anti-Cellano)

Anti-M Serum

Anti-N Serum

Anti-P Serum

LIC. NO. ESTABLISHMENT AND PRODUCT

156 ORTHO PHARMACEUTICAL CORP. (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-Rh Typing Serums:

Anti-Rho₀ (Anti-D)
 Anti-Rho₀⁺ (Anti-CD)
 Anti-Rho⁰ (Anti-DE)
 Anti-Rho₀rh⁺rh⁰ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁰ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁰ (Anti-e)
 Anti-rh⁰ (Anti-DV)

Anti-S Serum

Anti-s Serum

Reagent Red Blood Cells (Human)

157 BEHRING DIAGNOSTICS, INC., WOODBURY, N.Y.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Fya Serum (Anti-Duffy)

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-k Serum (Anti-Cellano)

Anti-M Serum

Anti-N Serum

Anti-P Serum

Anti-Rh Typing Serums:

Anti-Rho₀ (Anti-D)
 Anti-Rho₀⁺ (Anti-CD)
 Anti-Rho⁰ (Anti-DE)
 Anti-Rho₀rh⁺rh⁰ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁰ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁰ (Anti-e)
 Anti-rh⁰ (Anti-CW)

Anti-S Serum

Anti-s Serum

Reagent Red Blood Cells (Human)

158 WASHINGTON BLOOD LABORATORY, WASHINGTON, D.C.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Human Serum

Anti-Rh Typing Serums:

Anti-Rho₀ (Anti-D)
 Anti-Rho₀⁺ (Anti-CD)
 Anti-Rho⁰ (Anti-DE)
 Anti-Rho₀rh⁺rh⁰ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁰ (Anti-E)
 Anti-hr⁺ (Anti-c)

LIC. NO.

ESTABLISHMENT AND PRODUCT

159 BLOOD GROUPING LABORATORY OF BOSTON, INC., BOSTON, MASS.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
 Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-Fya Serum (Anti-Duffy)
 Anti-Gr(V_u) Serum
 Anti-Human Serum
 Anti-Jka Serum (Anti-Kidd)
 Anti-K Serum (Anti-Kell)
 Anti-Kpa Serum (Anti-Pennay)
 Anti-Kpb and Anti-K Serum (Anti-Rautenberg and Anti-Kell)
 Anti-Las Serum (Anti-Lewis)
 Anti-Lea Serum
 Anti-M Serum
 Anti-M^s Serum
 Anti-P Serum
 Anti-Rh Typing Serums:
 Anti-Rh₀ (Anti-D)
 Anti-Rh₀⁺ (Anti-CD)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh⁺ (Anti-C⁺)
 Anti-Rh₀ + Rh₀⁺ (Anti-D + D⁺)
 Anti-S Serum
 Anti-s Serum
 Anti-Wra Serum (Anti-Wright)

164 PFIZER INC., NEW YORK, N.Y. with locations at:
 New York, N.Y. Philadelphia, Pa.*Blood and Blood Derivatives*

Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
 Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Di⁰ Serum (Anti-Diego)
 Anti-Fya Serum (Anti-Duffy)
 Anti-Fyb Serum
 Anti-Human Serum
 Anti-Jka Serum (Anti-Kidd)
 Anti-Jkb Serum
 Anti-K Serum (Anti-Kell)
 Anti-Kpa Serum (Anti-Pennay)
 Anti-Kpb Serum (Anti-Rautenberg)
 Anti-k Serum (Anti-Callano)
 Anti-Lea Serum (Anti-Lewis)
 Anti-Lua Serum (Anti-Lutheran)

LIC.NO.

ESTABLISHMENT AND PRODUCT

164 PFIZER INC. (cont'd)

Diagnostic Substances for Laboratory Tests (cont'd)

Anti-M Serum
 Anti-N Serum
 Anti-P Serum
 Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho⁺ (Anti-CD)
 Anti-Rho⁺ (Anti-DE)
 Anti-Rho⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-hr⁺ (Anti-V)
 Anti-rhw (Anti-Cw)
 Anti-S Serum
 Anti-s Serum
 Anti-U Serum (Anti-Ss)
 Reagent Red Blood Cells (Human)

Miscellaneous

Blood Group Specific Substance A
 Blood Group Specific Substance B

165 BLOOD BANK FOUNDATION, NASHVILLE, TENN.

Blood and Blood Derivatives

Antihemophilic Plasma (Human)
 Normal Human Plasma
 Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum
 Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Human Serum
 Anti-K Serum (Anti-Kell)
 Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho⁺ (Anti-CD)
 Anti-Rho⁺ (Anti-DE)
 Anti-Rho⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)

LIC. NO.

ESTABLISHMENT AND PRODUCT

- 166 BELLE BONFILS MEMORIAL BLOOD BANK, DENVER, COLO.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-K Serum (Anti-Kell)
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀⁺ (Anti-CD)
Anti-rh⁺ (Anti-E)
Anti-hr⁺ (Anti-c)
Anti-hr⁺ (Anti-e)

- 167 J.K. AND SUSIE L. WADLEY RESEARCH INSTITUTE AND BLOOD BANK,
-
- DALLAS, TEX.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 168 MOUNT SINAI HOSPITAL MEDICAL CENTER, CHICAGO, ILL.

Blood and Blood Derivatives
Red Blood Cells (Human)
Whole Blood (Human)
ACD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Human Serum
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Reagent Red Blood Cells (Human)

- 169 CHICAGO BLOOD DONOR SERVICE, INC., CHICAGO, ILL.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

LIC. NO. ESTABLISHMENT AND PRODUCT

170 JACKSON BLOOD BANK, JACKSON, TENN.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

171 COURTLAND LABORATORIES, LOS ANGELES, CALIF.

Blood and Blood Derivatives

Antihemophilic Factor (Human)

Antihemophilic Plasma (Human)

Immune Serum Globulin (Human)

Normal Human Plasma

Normal Serum Albumin (Human)

Plasma Protein Fraction (Human)

Polioomyelitis Immune Globulin (Human)

Red Blood Cells (Human)

Tetanus Immune Globulin (Human)

Whole Blood (Human)

ACD

173 INTERSTATE BLOOD BANK, INC., MEMPHIS, TENN. with location at:
Philadelphia, Pa.

Blood and Blood Derivatives

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

175 INTER-COUNTY BLOOD BANKS, INC., ROCKVILLE CENTRE, N.Y.

Blood and Blood Derivatives

Red Blood Cells (Human)

Whole Blood (Human)

ACD

176 CALIFORNIA TRANSFUSION SERVICE, LOS ANGELES, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

179 DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION,
MIAMI, FLA.

Diagnostic Substances for Laboratory Tests

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-D18 Serum (Anti-Diego)

Anti-Fya Serum (Anti-Duffy)

Anti-Fyb Serum

Anti-Human Serum

LIC. NO.

ESTABLISHMENT AND PRODUCT

179 DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-Jka Serum (Anti-Kidd)
 Anti-k Serum (Anti-Cellano)
 Anti-K Serum (Anti-Kell)
 Anti-Kpa Serum (Anti-Penney)
 Anti-Lea Serum (Anti-Lewis)
 Anti-Leb Serum
 Anti-M Serum
 Anti-MS Serum
 Anti-N Serum
 Anti-P Serum
 Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho⁺ (Anti-CD)
 Anti-Rho⁺ (Anti-DE)
 Anti-Rho⁺rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh⁺ (Anti-C^W)
 Anti-S Serum
 Anti-s Serum
 Anti-Xga Serum
 Reagent Red Blood Cells (Human)

Miscellaneous

Reagent Blood Group Specific Substances A and B

181 JACKSONVILLE BLOOD BANK, INC., JACKSONVILLE, FLA.

Blood and Blood Derivatives

Red Blood Cells (Human)
 Whole Blood (Human)
 ACD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-Human Serum
 Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)

182 IRWIN MEMORIAL BLOOD BANK OF THE SAN FRANCISCO MEDICAL SOCIETY,
SAN FRANCISCO, CALIF.*Blood and Blood Derivatives*

Normal Human Plasma
 Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

LIC.NO.

ESTABLISHMENT AND PRODUCT

- 183 BLOOD SERVICES, SCOTTSDALE, ARIZ. with locations at:
- | | |
|-------------------|-------------------|
| Albuquerque, N.M. | Little Rock, Ark. |
| Billings, Mont. | Lubbock, Tex. |
| Butte, Mont. | Meridian, Miss. |
| Cheyenne, Wyo. | Mesa, Ariz. |
| El Paso, Tex. | Minot, N.D. |
| Fargo, N.D. | New Orleans, La. |
| Fort Smith, Ark. | Phoenix, Ariz. |
| Harlingen, Tex. | Rapid City, S.D. |
| Houston, Tex. | Reno, Nev. |
| Lafayette, La. | San Antonio, Tex. |
| Las Vegas, Nev. | Texarkana, Tex. |

Blood and Blood Derivatives

Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD

- 185 MINNEAPOLIS WAR MEMORIAL BLOOD BANK, MINNEAPOLIS, MINN.

Blood and Blood Derivatives

Normal Human Plasma
 Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho' (Anti-CD)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)

- 187 MILWAUKEE BLOOD CENTER, INC., MILWAUKEE, WIS.

Blood and Blood Derivatives

Normal Human Plasma
 Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 CPD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-Human Serum
 Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho' (Anti-CD)
 Anti-Rho'rh'rh" (Anti-CDE)

LIC. NO.

ESTABLISHMENT AND PRODUCT

188 RESEARCH FOUNDATION AND UNIVERSITY OF ILLINOIS, CHICAGO, ILL.

Bacterial Vaccines

BCG Vaccine

190 THE AMERICAN NATIONAL RED CROSS, WASHINGTON, D.C.

with locations at:

| | |
|---------------------|----------------------|
| Albany, N.Y. | Muskegon, Mich. |
| Asheville, N.C. | Nashville, Tenn. |
| Atlanta, Ga. | New Brighton, Pa. |
| Baltimore, Md. | New York, N.Y. |
| Birmingham, Ala. | Norfolk, Va. |
| Boise, Idaho | Omaha, Nebr. |
| Boston, Mass. | Peoria, Ill. |
| Buffalo, N.Y. | Philadelphia, Pa. |
| Burlington, Vt. | Portland, Oreg. |
| Charleston, S.C. | Rio Piedras, P.R. |
| Charlotte, N.C. | Roanoke, Va. |
| Chicago, Ill. | Rochester, N.Y. |
| Cleveland, Ohio | Salt Lake City, Utah |
| Columbia, S.C. | San Jose, Calif. |
| Columbus, Ohio | Savannah, Ga. |
| Daytona Beach, Fla. | Springfield, Mo. |
| Detroit, Mich. | St. Louis, Mo. |
| Flint, Mich. | St. Paul, Minn. |
| Fort Wayne, Ind. | Syracuse, N.Y. |
| Galesburg, Ill. | Toledo, Ohio |
| Great Falls, Mont. | Tulsa, Okla. |
| Hartford, Conn. | Tucson, Ariz. |
| Huntington, W.Va. | Waco, Tex. |
| Johnstown, Pa. | Washington, D.C. |
| Lansing, Mich. | Waterloo, Iowa |
| Little Rock, Ark. | Wichita Falls, Tex. |
| Los Angeles, Calif. | Wichita, Kans. |
| Louisville, Ky. | Wilkes-Barre, Pa. |
| Madison, Wis. | Yakima, Wash. |
| Mobile, Ala. | |

Blood and Blood Derivatives

Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

191 BLOOD BANK OF THE ALAMEDA-CONTRA COSTA MEDICAL ASSOCIATION,
OAKLAND, CALIF.*Blood and Blood Derivatives*

Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

LIC.NO.

ESTABLISHMENT AND PRODUCT

- 192 KING COUNTY CENTRAL BLOOD BANK, INC., SEATTLE, WASH.

Blood and Blood Derivatives

Normal Human Plasma
Whole Blood (Human)
ACD

- 193 CENTER LABORATORIES, INC., PORT WASHINGTON, N.Y.

Miscellaneous

Allergic Extracts

- 194 SACRAMENTO MEDICAL FOUNDATION BLOOD BANK, SACRAMENTO, CALIF.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

- 195 PENINSULA MEMORIAL BLOOD BANK, BURLINGAME, CALIF.

Blood and Blood Derivatives

Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

- 197 SONOMA COUNTY COMMUNITY BLOOD BANK, SANTA ROSA, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 198 TRI-COUNTIES BLOOD BANK, INC., SANTA BARBARA, CALIF.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

- 199 BLOOD BANK OF HAWAII, HONOLULU, HAWAII

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 201 SAN DIEGO BLOOD BANK, SAN DIEGO, CALIF.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

202 TACOMA-PIERCE COUNTY BLOOD BANK, TACOMA, WASH.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

203 SPOKANE & INLAND EMPIRE BLOOD BANK, SPOKANE, WASH.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

204 VIRGINIA BLOOD BANK, INC., RICHMOND, VA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

Diagnostic Substances for Laboratory Tests

Anti-B Blood Grouping Serum

209 MAXWELL BLOOD BANK, THE CHILDREN'S MEMORIAL HOSPITAL,
CHICAGO, ILL.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

212 DISTRICT OF COLUMBIA GENERAL HOSPITAL, WASHINGTON, D.C.

Blood and Blood Derivatives

Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD
Heparin

213 BLOOD BANK OF THE WASHINGTON HOSPITAL CENTER, WASHINGTON, D.C.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

214 DOCTORS HOSPITAL BLOOD BANK, WASHINGTON, D.C.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

LIC. NO. ESTABLISHMENT AND PRODUCT

- 215 BLOOD GROUPING LABORATORY, WASHINGTON, D.C.

Blood and Blood Derivatives

Normal Human Plasma
Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

- 218 PROVIDENCE HOSPITAL BLOOD BANK, WASHINGTON, D.C.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 220 BROOME COUNTY BLOOD CENTER, BINGHAMTON, N.Y.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 221 ESSEX COUNTY BLOOD BANK, EAST ORANGE, N.J.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

- 222 AURORA AREA BLOOD BANK, AURORA, ILL.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

- 224 COMMUNITY BLOOD AND PLASMA SERVICE, INC., BIRMINGHAM, ALA.

with locations at:

| | |
|----------------|----------------|
| Mobile, Ala. | Jackson, Miss. |
| New York, N.Y. | Columbus, Ga. |

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

- | LIC.NO. | ESTABLISHMENT AND PRODUCT |
|---------|--|
| 226 | BLOOD BANK OF SAN BERNARDINO AND RIVERSIDE COUNTIES, INC., SAN BERNARDINO, CALIF. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 227 | CENTRAL FLORIDA BLOOD BANK, INC., ORLANDO, FLA. with locations at: Eustis, Fla. Rockledge, Fla. Sanford, Fla. Titusville, Fla. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 228 | SOUTHWEST FLORIDA BLOOD BANK, INC., TAMPA, FLA. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Whole Blood (Human) ACD CPD |
| 230 | NORTHERN CALIFORNIA COMMUNITY BLOOD BANK, EUREKA, CALIF. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD |
| 231 | DUBUQUE BLOOD BANK ASSOCIATION, DUBUQUE, IOWA <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 233 | OCHSNER FOUNDATION HOSPITAL BLOOD BANK, NEW ORLEANS, LA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD |
| 234 | CENTRAL BLOOD BANK OF PITTSBURGH, PITTSBURGH, PA. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD |

LIC. NO. ESTABLISHMENT AND PRODUCT

- 235 UNIVERSITY OF CINCINNATI BLOOD TRANSFUSION SERVICE,
CINCINNATI, OHIO

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Rh Typing Serums:
Anti-Rho (Anti-D)
Reagent Red Blood Cells (Human)

- 237 SHREVEPORT EMERGENCY BLOOD BANK, INC., SHREVEPORT, LA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

- 238 ISTITUTO SIEROTERAPICO VACCINOGENO TOSCANO SCLAVO, SIENA, ITALY

Antitoxins

Diphtheria Antitoxin
Tetanus Antitoxin

Therapeutic Immune Serums

Antirabies Serum

Toxoids and Toxins for Immunisation

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

- 239 HOUGHIN COMMUNITY BLOOD BANK, BAKERSFIELD, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 240 MEMPHIS BLOOD CENTER, INC., MEMPHIS, TENN.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

LIC. NO. ESTABLISHMENT AND PRODUCT

- 241 COMMUNITY BLOOD AND PLASMA SERVICE, INC., OF TEXAS, HOUSTON, TEX.
with locations at:
Dallas, Tex. Los Angeles, Calif.

Blood and Blood Derivatives
Red Blood Cells (Human)
Whole Blood (Human)
ACD
Heparin

- 244 TRAVIS COUNTY MEDICAL SOCIETY BLOOD BANK, AUSTIN, TEX.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 246 COFFEE MEMORIAL BLOOD CENTER, INC., AMARILLO, TEX.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

- 248 SOUTH BEND MEDICAL FOUNDATION, INC., SOUTH BEND, IND.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

- 249 NORTHERN ILLINOIS BLOOD BANK, ROCKFORD, ILL.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 251 JACOB BLUMBERG MEMORIAL BLOOD BANK, INC.,
OF THE LAKE COUNTY MEDICAL SOCIETY, MAURKEGAN, ILL.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

- 254 KNOXVILLE BLOOD CENTER, INC., KNOXVILLE, TENN.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

UC.NO. ESTABLISHMENT AND PRODUCT

- 258 OESTERREICHISCHES INSTITUT FUER HAEMODERIVATE G.M.B.H.,
VIENNA, AUSTRIA

Blood and Blood Derivatives

Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Plasma Protein Fraction (Human)
Tetanus Immune Globulin (Human)

- 259 HOLSTON VALLEY COMMUNITY HOSPITAL BLOOD BANK, KINGSFORT, TENN.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

- 260 ST. FRANCIS HOSPITAL BLOOD BANK, TRENTON, N.J.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 261 HOSPITAL BLOOD SERVICE, INC., DETROIT, MICH.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 263 THE COMMUNITY BLOOD BANK OF NORTON, INC., NORTON, VA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 265 W.E. AND LELA I. STEWART BLOOD CENTER, INC., TYLER, TEX.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 266 BLOOD BANK OF THE BRYN MAWR HOSPITAL, BRYN MAWR, PA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

- 267 BLOOD BANK OF ST. LUKE'S HOSPITAL (DULUTH), DULUTH, MINN.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

LIC. NO. ESTABLISHMENT AND PRODUCT

268 INTERSTATE BLOOD BANK, INC., ST. LOUIS, MO.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

Heparin

269 BEVERLY BLOOD CENTER, INC., CHICAGO, ILL. with location at:
Glenview, Ill.

Blood and Blood Derivatives

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

CPD

Heparin

270 MARIETTA MEMORIAL HOSPITAL, MARIETTA, OHIO

Blood and Blood Derivatives

Red Blood Cells (Human)

Whole Blood (Human)

ACD

CPD

271 ST. LUKE'S MEMORIAL HOSPITAL BLOOD BANK, RACINE, WIS.

Blood and Blood Derivatives

Tetanus Immune Globulin (Human)

Whole Blood (Human)

ACD

272 MICHIGAN COMMUNITY BLOOD CENTER, DETROIT, MICH. with locations at:
Grand Rapids, Mich. Saginaw, Mich.

Blood and Blood Derivatives

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

273 OKLAHOMA CITY COMMUNITY BLOOD BANK, INC., OKLAHOMA CITY, OKLA.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

- | LIC. NO. | ESTABLISHMENT AND PRODUCT |
|----------|--|
| 274 | BERGEN COMMUNITY BLOOD BANK, PARAMUS, N.J. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD Heparin |
| 276 | WESTERN PENNSYLVANIA BLOOD CENTER, INC., PITTSBURGH, PA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 277 | COMMUNITY MEMORIAL GENERAL HOSPITAL, LA GRANGE, ILL. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 278 | PIONEER BLOOD SERVICE, INC., BRONX, N.Y. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD |
| 283 | HOFFMANN LABORATORIES, INC., FAIR LAWN, N.J. <i>Bacterial Antigens</i> 1 Bacterial antigens with "No U.S. Standard of Potency" 5 Polyvalent bacterial antigens with "No U.S. Standard of Potency" |
| 284 | RHODE ISLAND HOSPITAL BLOOD BANK, PROVIDENCE, R.I. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 286 | EDGEWATER HOSPITAL BLOOD BANK, CHICAGO, ILL. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |

LIC.NO. ESTABLISHMENT AND PRODUCT

288 DELTA BLOOD BANK, STOCKTON, CALIF.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

CPD

289 HOSPITAL UNIVERSITY OF PENNSYLVANIA BLOOD BANK, PHILADELPHIA, PA.

Blood and Blood Derivatives

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-Rh Typing Serums:

Anti-Rh₀ (Anti-D)

290 PINEVIEW GENERAL HOSPITAL BLOOD BANK, VALDOSTA, GA.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

CPD

295 COMMUNITY BLOOD BANK AND SERUM SERVICE, HOBOKEN, N.J.

Blood and Blood Derivatives

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

296 MIDWEST BLOOD SERVICE, INC., DETROIT, MICH.

Blood and Blood Derivatives

Whole Blood (Human)

ACD

298 LEWISTON-CLARKSTON BLOOD BANK, LEWISTON, IDAHO

Blood and Blood Derivatives

Whole Blood (Human)

ACD

- | LIC. NO. | ESTABLISHMENT AND PRODUCT |
|----------|---|
| 299 | DELMONT LABORATORIES, INC., SWARTHMORE, PA. <i>Bacterial Antigens</i> 1 Polyvalent bacterial antigen with "No U.S. Standard of Potency" |
| 300 | MASSACHUSETTS GENERAL HOSPITAL, BOSTON, MASS. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Whole Blood (Human) ACD |
| 301 | CLEVELAND BIOLOGICALS, INC., CLEVELAND, OHIO with location at: Akron, Ohio <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD Heparin |
| 302 | COMMUNITY BLOOD BANK OF THE KANSAS CITY AREA, INC., KANSAS CITY, MO. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD CPD Heparin |
| 304 | LANE MEMORIAL BLOOD BANK, EUGENE, OREG. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 305 | INTERSTATE BLOOD BANK, INC., OF CHICAGO, ILLINOIS, CHICAGO, ILL. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD Heparin |
| 306 | PUREX LABORATORIES, INC., HANOVER, N.J. <i>Miscellaneous</i> Allergenic Extracts |

- | LIC. NO. | ESTABLISHMENT AND PRODUCT |
|----------|--|
| 308 | GREER LABORATORIES, INC., LENOIR, N.C. <i>Miscellaneous</i> Allergenic Extracts |
| 309 | SUBURBAN HOSPITAL BLOOD BANK, BETHESDA, MD. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 310 | ARLINGTON HOSPITAL BLOOD BANK, ARLINGTON, VA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 312 | WORLO BLOOD BANK, INC., TULSA, OKLA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD Heparin |
| 313 | SOUTHEASTERN GENERAL HOSPITAL, INC., LUMBERTON, N.C. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD |
| 314 | BLOOD BANK, N.C. MEMORIAL HOSPITAL, UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, N.C. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD |
| 315 | CENTRAL CALIFORNIA BLOOD BANK, FRESNO, CALIF. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD |
| 316 | MAINE MEDICAL CENTER BLOOD BANK, PORTLAND, MAINE <i>tives</i> |

| LIC.NO. | ESTABLISHMENT AND PRODUCT |
|---------|--|
| 317 | ST. VINCENT HOSPITAL BLOOD BANK, ERIE, PA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 320 | GARDEN STATE BLOOD BANK, NEWARK, N.J. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 321 | NATIONAL BLOOD PRODUCTS, INC., NEW YORK, N.Y. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD Heparin |
| 325 | A/B KABI, STOCKHOLM, SWEDEN <i>Miscellaneous</i> Streptokinase |
| 326 | NEW HAMOVER MEMORIAL HOSPITAL BLOOD BANK, WILMINGTON, N.C. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 327 | THE ELIZABETH GENERAL HOSPITAL AND DISPENSARY, ELIZABETH, N.J. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD |
| 332 | TRI-CITIES BLOOD SERVICE, INC., JOHNSON CITY, TENN. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 333 | CENTRAL BLOOD SERVICE, INC., BALTIMORE, MD. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |

LIC. NO. ESTABLISHMENT AND PRODUCT

334 BERKELEY BIOLOGICALS, BERKELEY, CALIF.

Miscellaneous
Allergenic Extracts

336 EASTERN BLOOD BANK, JERSEY CITY, N.J.

Blood and Blood Derivatives
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

337 GLAXO LABORATORIES, LTD., GREENFORD, MIDDLESEX, ENGLAND

Bacterial Vaccines
BOG Vaccine

338 PFIZER, LTD., SANDWICH, KENT, ENGLAND

Viral and Rickettsial Vaccines
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3

339 HARRISON COUNTY BLOOD BANK, CLARKSBURG, W.VA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

344 SPECTRA BIOLOGICALS DIVISION BECTON-DICKINSON & CO., OXNARD, CALIF.

Diagnostic Substances for Laboratory Tests
Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Di⁰ Serum (Anti-Diego)
Anti-Fy^a Serum (Anti-Duffy)
Anti-Fy^b Serum
Anti-Human Serum
Anti-Jk^a Serum (Anti-Kidd)
Anti-Js^a Serum (Anti-Sutter)
Anti-k Serum (Anti-Cellano)
Anti-K Serum (Anti-Kell)
Anti-Kp^a Serum (Anti-Penney)
Anti-Kp^b Serum (Anti-Rautenberg)
Anti-M Serum
Anti-Mi^a Serum (Anti-Miltenberger)
Anti-P Serum

LIC. NO. ESTABLISHMENT AND PRODUCT

344 SPECTRA BIOLOGICALS (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho⁺ (Anti-CD)
 Anti-Rho⁺ (Anti-DE)
 Anti-Rh⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-rh⁺ (Anti-C^W)
 Anti-S Serum
 Anti-s Serum
 Reagent Red Blood Cells (Human)

345 SCIENTIFIC BLOOD BANK, INC., CHICAGO, ILL.

Blood and Blood Derivatives

Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 CPD
 Heparin

346 OHIO VALLEY BLOOD SERVICE, INC., EVANSVILLE, IND.

Blood and Blood Derivatives

Red Blood Cells (Human)
 Whole Blood (Human)
 ACD

347 BANCO DE SANGRE METROPOLITANO, INC., SANTURCE, P.R.

Blood and Blood Derivatives

Whole Blood (Human)
 ACD

348 DES MOINES COUNTY MEDICAL SOCIETY BLOOD BANK, INC.,
 BURLINGTON, IOWA

Blood and Blood Derivatives

Whole Blood (Human)
 ACD

349 SCHERING CORPORATION, PORT READING, N.J.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Fy^a Serum (Anti-Duffy)
 Anti-Human Serum
 Anti-Jk^a Serum (Anti-Kidd)
 Anti-Jk^b Serum
 Anti-K Serum (Anti-Kell)

LIC.NO.

ESTABLISHMENT AND PRODUCT

349 SCHERING CORPORATION (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-M Serum
Anti-N Serum
Anti-P Serum
Anti-Rh Typing Serums:
Anti-Rh₀ (Anti-D)
Anti-Rh₀⁺ (Anti-CD)
Anti-Rh₀⁺ (Anti-DE)
Anti-Rh₀⁺rh⁺ (Anti-CDE)
Anti-rh⁺ (Anti-C)
Anti-rh⁺ (Anti-E)
Anti-hr⁺ (Anti-c)
Anti-hr⁺ (Anti-e)
Anti-rh⁺ (Anti-CD)
Anti-S Serum
Anti-s Serum
Reagent Red Blood Cells (Human)

351 EVANS MEDICAL LIMITED, SPEKE, LIVERPOOL, ENGLAND

Diagnostic Substances for Dermal Tests

Tuberculin
Purified Protein Derivative

354 NEW ORLEANS BLOOD BANK, NEW ORLEANS, LA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD
Heparin

355 ALEXANDRIA HOSPITAL BLOOD BANK, ALEXANDRIA, VA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

356 DAYTON BIOLOGICALS, INC., DAYTON, OHIO

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

357 GREENVILLE GENERAL HOSPITAL BLOOD BANK, GREENVILLE, S.C.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

| LIC. NO. | ESTABLISHMENT AND PRODUCT |
|----------|--|
| 358 | INSTITUTE PLANT EMPLOYEES' BLOOD BANK, UNION CARBIDE CORP., INSTITUTE, W.VA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 359 | PRINCETON LABORATORY PRODUCTS CO., PRINCETON, N.J. <i>Diagnostic Substances for Laboratory Tests</i> Anti-Human Chorionic Gonadotropin Serum |
| 360 | MERCED COUNTY GENERAL HOSPITAL BLOOD BANK, MERCED, CALIF. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 361 | BLOOD BANK OF ALASKA, INC., ANCHORAGE, ALASKA <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 362 | MILES LABORATORIES, INC., ELKHART, IND. with location at: West Haven, Conn. <i>Blood and Blood Derivatives</i> Radio-iodinated (I ¹²⁵) Serum Albumin (Human) Radio-iodinated (I ¹³¹) Serum Albumin (Human) <i>Diagnostic Substances for Laboratory Tests</i> Anti-Human Chorionic Gonadotropin Serum <i>Miscellaneous</i> Allergenic Extracts Allergenic Extracts Alum Precipitated Poison Ivy Extract Alum Precipitated |
| 363 | ORGANON, INC., WEST ORANGE, N.J. <i>Diagnostic Substances for Laboratory Tests</i> Anti-Human Chorionic Gonadotropin Serum |
| 364 | BEECHAM GROUP LTD., WORTHING, SUSSEX, ENGLAND <i>Miscellaneous</i> Allergenic Extracts |
| 365 | FAIRFAX HOSPITAL BLOOD BANK, FALLS CHURCH, VA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |

LIC. NO.

ESTABLISHMENT AND PRODUCT

- 366 SCOTT COUNTY MEDICAL SOCIETY BLOOD BANK, INC., DAVENPORT, IOWA

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

- 368 DUNKLIN COUNTY MEMORIAL HOSPITAL, KENNETT, MO.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

- 369 HOLY CROSS HOSPITAL OF SILVER SPRING BLOOD BANK,
SILVER SPRING, MD.

Blood and Blood Derivatives

Red Blood Cells (Human)
Whole Blood (Human)
ACD

- 372 BROEMMEL PHARMACEUTICALS, SAN FRANCISCO, CALIF.

Miscellaneous

Poison Ivy Extract
Poison Oak Extract

- 373 ROCK ISLAND COUNTY BLOOD BANK, INC., ROCK ISLAND, ILL.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

- 374 ATLANTIC CLINICAL LABORATORY BLOOD BANK, INC., MIAMI BEACH, FLA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD
CPD

- 375 BLOOD BANK OF THE MARYLAND GENERAL HOSPITAL, BALTIMORE, MD.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

| LIC.NO. | ESTABLISHMENT AND PRODUCT |
|---------|--|
| 376 | PHILIPS ROXANE, INC., ST. JOSEPH, MO. <i>Viral and Rickettsial Vaccines</i> Measles Virus Vaccine, Live, Attenuated Rubella Virus Vaccine, Live |
| 378 | N.V. ORGANON, OSS, THE NETHERLANDS <i>Diagnostic Substances for Laboratory Tests</i> Anti-Human Chorionic Gonadotropic Serum |
| 379 | CENTRAL LABORATORY OF THE NETHERLANDS RED CROSS, BLOOD TRANSFUSION SERVICE, AMSTERDAM, THE NETHERLANDS <i>Blood and Blood Derivatives</i> Immune Serum Globulin (Human) |
| 380 | SIBLEY MEMORIAL HOSPITAL, WASHINGTON, D.C. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD Heparin |
| 381 | THE ROOSEVELT HOSPITAL, NEW YORK, N.Y. <i>Miscellaneous</i> Allergenic Extracts |
| 382 | NYEGAARD & CO. A/S, OSLO, NORMAY <i>Blood and Blood Derivatives</i> Modified Plasma (Bovine) |
| 383 | ADVANCE BIOFACTURES CORPORATION, LYNBROOK, N.Y. <i>Miscellaneous</i> Collagenase |
| 384 | INSTITUT MERIEUX, LYON, FRANCE <i>Diagnostic Substances for Dermal Tests</i> Tuberculin Old |

| LIC. NO. | ESTABLISHMENT AND PRODUCT |
|----------|--|
| 386 | COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK, INC., THE NEW YORK BLOOD CENTER, NEW YORK, N.Y. <i>Blood and Blood Derivatives</i> Normal Serum Albumin (Human) Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD Heparin |
| 387 | PHOEBE PUTNEY MEMORIAL HOSPITAL BLOOD BANK, ALBANY, GA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD |
| 388 | MEDICAL CENTER BLOOD BANK, COLUMBUS, GA. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 389 | COMMUNITY BLOOD BANK OF CENTRAL IOWA, DES MOINES, IOWA <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 390 | ST. BARNABAS HOSPITAL FOR CHRONIC DISEASES, BRONX, N.Y. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 391 | HEDIX, INC., CHICAGO, ILL. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 392 | WASHINGTON HOMOEOPATHIC PHARMACY, WASHINGTON, D.C. <i>Miscellaneous</i> Polson Ivy Extract |
| 393 | N.V. PHILIPS-DUPHAR, MEESP AND OLST, THE NETHERLANDS <i>Viral and Rickettsial Vaccines</i> Influenza Virus Vaccine |

| LIC. NO. | ESTABLISHMENT AND PRODUCT |
|----------|--|
| 394 | COMMUNITY BLOOD CENTER, DAYTON, OHIO <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD |
| 395 | PERTH AMBOY GENERAL HOSPITAL, PERTH AMBOY, N.J. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 396 | NATIONAL BLOOD SERVICE, INC., BALTIMORE, MD. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD Heparin |
| 397 | LABORATORIO Y BANCO DE SANGRE ARRECHE, SANTURCE, P.R. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD |
| 398 | COMMUNITY BLOOD BANK OF MARION COUNTY, INC., INDIANAPOLIS, IND. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD |
| 399 | BLOOD BANK OF DEACONESS HOSPITAL, INC., EVANSVILLE, IND. <i>Blood and Blood Derivatives</i> Whole Blood (Human) ACD CPD |
| 400 | NATIONAL BLOOD SERVICE OF PHILADELPHIA, INC., PHILADELPHIA, PA. <i>Blood and Blood Derivatives</i> Red Blood Cells (Human) Single Donor Plasma (Human) Whole Blood (Human) ACD Heparin |

LIC. NO. ESTABLISHMENT AND PRODUCT

401 CHATTANOOGA BLOOD CENTER, INC., CHATTANOOGA, TENN.

Blood and Blood Derivatives

Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD
Heparin

402 STANFORD UNIVERSITY HOSPITAL BLOOD BANK, PALO ALTO, CALIF.

Blood and Blood Derivatives

Cryoprecipitated Antihemophilic Factor (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

403 ST. JOSEPH HOSPITAL, INC., BALTIMORE, MD.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

404 BLOOD BANK AND SERUM SERVICE, INC., NEW YORK, N.Y.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

405 HARRISBURG POLYCLINIC HOSPITAL, HARRISBURG, PA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

406 LAS AMERICAS LABORATORY AND BLOOD BANK, INC., HATO REY, P.R.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

407 ALLERGY LABORATORIES OF OHIO, INC., COLUMBUS, OHIO

Miscellaneous

Allergenic Extracts

408 UNITED LABORATORIES, INC., ATLANTA, GA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

LIC.NO.

ESTABLISHMENT AND PRODUCTS

409 ANDREN, INC., FORT MYERS, FLA.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
CPD

410 TRI-CITIES BLOOD SERVICE OF AUGUSTA, INC., AUGUSTA, GA.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

411 MID-SOUTH BLOOD SERVICE, INC., MEMPHIS, TENN.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

412 ALLERGY SPECIFICS, INC., NEW YORK, N.Y.

Miscellaneous

Allergenic Extracts

413 NORTH AMERICAN BIOLOGICALS, INC., FORT LAUDERDALE, FLA.

Blood and Blood Derivatives

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
CPD

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Rh Typing Serums:
Anti-Rho⁺ (Anti-DE)
Anti-rh⁺ (Anti-E)

414 AMERICAN BLOOD COMPONENTS, INC., MEMPHIS, TENN.

Blood and Blood Derivatives

Single Donor Plasma (Human)

415 METABOLIC, INC., HOUSTON, TEX.

Blood and Blood Derivatives

Whole Blood (Human)
ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

415 METABOLIC, INC. (cont'd)

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Human Serum
 Anti-K Serum (Anti-Kell)
 Anti-Rh Typing Serums:
 Anti-rh' (Anti-C)
 Anti-Rh₀ (Anti-D)
 Reagent Red Blood Cells (Human)

416 BIOPRODUCTS RESEARCH LABORATORIES, INC., TEMPE, ARIZ.

Diagnostic Substances for Dermal Tests
 Coccidioidin

417 STATE UNIVERSITY HOSPITAL, UPSTATE MEDICAL CENTER, SYRACUSE, N.Y.

Blood and Blood Derivatives
 Whole Blood (Human)
 ACD

418 ALLIED PLASMA CORP., MIAMI, FLA.

Blood and Blood Derivatives
 Whole Blood (Human)
 ACD

419 COLUMBUS BIOLOGICALS, INC., COLUMBUS, OHIO

Blood and Blood Derivatives
 Whole Blood (Human)
 ACD
 CPD

420 EASTERN BIOLOGICALS, INC., MIAMI, FLA.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-Human Serum
 Anti-Rh Typing Serums:
 Anti-Rh₀rh'rh" (Anti-CDE)
 Anti-Rh₀ (Anti-D)

421 GEORGIA BLOOD BANK & SERUM LABORATORIES, INC., AUGUSTA, GA.

Blood and Blood Derivatives
 Whole Blood (Human)
 ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

422 AMERICAN BLOOD BANK SERVICE, INC., MIAMI, FLA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

423 GCI LABORATORIES, INC., CLEARWATER, FLA.

Blood and Blood Derivatives
Red Blood Cells (Human)
Whole Blood (Human)
CPD

425 HOMER D. COBB MEMORIAL HOSPITAL, PHENIX CITY, ALA.

Blood and Blood Derivatives
Whole Blood (Human)
CPD

427 WELLCOME REAGENTS LIMITED, BECKENHAM, KENT, ENGLAND

Diagnostic Substances for Laboratory Tests
Anti-Human Chorionic Gonadotropic Serum

Miscellaneous
Russell Viper Venom

428 COMMUNITY BLOOD COUNCIL OF MERCER COUNTY, INC., TRENTON, N.J.

Blood and Blood Derivatives
Whole Blood (Human)
CPD

429 PENINSULA GENERAL HOSPITAL OF WICOMICO COUNTY, SALISBURY, MD.

Blood and Blood Derivatives
Whole Blood (Human)
ACD
CPD

430 RECHERCHE ET INDUSTRIE THERAPEUTIQUES S.A., RIXENSART, BELGIUM

Viral and Rickettsial Vaccines
Rubella Virus Vaccine, Live

431 ST. FRANCIS HOSPITAL, INC. COLUMBUS, GA.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

- 432 RALEIGH BLOOD CENTER, DIVISION NORTH CAROLINA STATE
 BLOOD CENTERS, INC., RALEIGH, N.C.

Blood and Blood Derivatives
Whole Blood (Human)
ACD

- 433 "BIOTEST"-SERUM-INSTITUT GMBH, FRANKFURT/MAIN, WEST GERMANY

Diagnostic Substances for Laboratory Tests
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum

ALPHABETICAL LIST OF BIOLOGIC PRODUCTS WITH LICENSE NUMBERS
OF ESTABLISHMENTS LICENSED FOR EACH PRODUCT

PART III

| PRODUCT | LICENSE NUMBER |
|---|--|
| Absorbed Anti-A Serum | 139, 140, 155, 156, 157, 158, 159, 164, 165, 179, 344 |
| Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed | 1 |
| Adenovirus Vaccine | 1, 3 |
| Aggregated Radio-Iodinated (131) Albumin (Human) | 43, 52, 77 |
| Allergenic Extracts | 1, 17, 56, 84, 91, 103, 107, 119, 147, 152, 193, 306, 308, 334, 362, 364, 381, 407, 412 |
| Allergenic Extracts Alum Precipitated | 362 |
| Anthrax Vaccine Adsorbed | 99 |
| Anti-A Blood Grouping Serum | 17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 168, 179, 181, 185, 187, 235, 289, 344, 349, 413, 415, 420, 433 |
| Anti-B Blood Grouping Serum | 17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 168, 179, 181, 185, 187, 204, 235, 289, 344, 349, 413, 415, 420, 433 |
| Anti-A,B Blood Grouping Serum | 17, 43, 139, 140, 149, 156, 157, 158, 164, 165, 179, 289, 344, 349, 415 |
| Anti-Di _a Serum (Anti-Diego) | 164, 179, 344 |
| Anti-Fye Serum (Anti-Duffy) | 17, 43, 140, 155, 156, 157, 159, 164, 166, 179, 344, 349 |
| Anti-Fyb Serum | 164, 179, 344 |
| Anti-Gr(V _g) Serum | 159 |
| Antihemophilic Factor (Human) | 1, 52, 140, 171 |
| Antihemophilic Globulin (Human) | 99 |
| Antihemophilic Plasma (Human) | 113, 140, 165, 171 |
| Anti-Hemophilus influenzae Type b Serum | 99 |
| Anti-Human Chorionic Gonadotropic Serum | 1, 136, 140, 156, 359, 362, 363, 378, 427 |
| Anti-Human Serum | 17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 168, 179, 181, 187, 289, 344, 349, 415, 420 |

| PRODUCT | LICENSE NUMBER |
|---|--|
| Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test | 1 |
| Anti-I Serum | 140 |
| Anti-Jk ^a Serum (Anti-Kidd) | 159, 164, 179, 344, 349 |
| Anti-Jk ^b Serum | 164, 349 |
| Anti-Js ^a Serum (Anti-Sutter) | 344 |
| Anti-k Serum (Anti-Celleno) | 155, 156, 157, 164, 179, 344 |
| Anti-K Serum (Anti-Kell) | 17, 139, 140, 149, 155, 156, 157, 159, 164, 165, 166, 179, 289, 344, 349, 415 |
| Anti-Kp ^a Serum (Anti-Ponney) | 159, 164, 179, 344 |
| Anti-Kp ^b Serum (Anti-Reutenberg) | 164, 344 |
| Anti-Kp ^b and Anti-K Serum (Anti-Reutenberg and Anti-Kell) | 159 |
| Anti-Le ^a Serum (Anti-Lewis) | 140, 149, 159, 164, 179 |
| Anti-Le ^b Serum | 159, 179 |
| Anti-Lu ^a Serum (Anti-Lutheran) | 164 |
| Anti-M Serum | 17, 43, 139, 140, 149, 155, 156, 157, 159, 164, 168, 179, 344, 349 |
| Anti-M ₂ Serum | 159, 179 |
| Anti-Mi ^a Serum (Anti-Miltenberger) | 344 |
| Anti-N Serum | 17, 139, 140, 149, 157, 164, 168, 179, 349 |
| Anti-P Serum | 156, 157, 159, 164, 179, 344, 349 |
| Antirebias Serum | 17, 238 |
| Anti-Rh Typing Serums: | |
| Anti-Rh ₀ (Anti-D) | 17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 168, 179, 181, 185, 187, 235, 289, 344, 349, 415, 420 |
| Anti-Rh ₀ ⁺ (Anti-CD) | 17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 179, 185, 187, 344, 349 |
| Anti-Rh ₀ ⁺ (Anti-DE) | 43, 139, 140, 149, 155, 156, 157, 158, 164, 165, 179, 344, 349, 413 |
| Anti-Rh ₀ ⁺ ch ⁺ (Anti-CDE) | 17, 43, 139, 140, 149, 156, 157, 158, 164, 165, 179, 187, 344, 349, 420 |

| PRODUCT | LICENSE NUMBER |
|---|--|
| Anti-rh' (Anti-C) | 17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 179, 185, 344, 349 |
| Anti-rh" (Anti-E) | 17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 179, 185, 344, 349, 413 |
| Anti-hr' (Anti-c) | 17, 43, 139, 140, 149, 155, 156, 157, 164, 165, 166, 179, 185, 344, 349, 415 |
| Anti-hr" (Anti-e) | 17, 43, 139, 140, 149, 155, 156, 157, 159, 164, 165, 166, 179, 344, 349 |
| Anti-hrV (Anti-V) | 164 |
| Anti-rhW (Anti-CW) | 17, 140, 156, 157, 159, 164, 179, 344, 349 |
| Anti-Rho + Rh ₀ (Anti-D + Du) | 159 |
| Anti-rhW & Anti-K Serum (Anti-(CW+Kell)) | 155 |
| Anti-S Serum | 140, 156, 157, 159, 164, 179, 344, 349 |
| Anti-s Serum | 17, 140, 156, 157, 164, 179, 344, 349 |
| Anti-U Serum (Anti-Ss) | 149, 164 |
| Anti-Xg _B Serum | 179 |
| Antivenin (Crotalidae) Polyvalent | 3 |
| Antivenin (<i>Laetrodectus mactans</i>) | 2 |
| Antivenin (<i>Micrurus fulvius</i>) | 3 |
| Anti-M ₉ Serum (Anti-Wright) | 159 |
| Bacterial antigens with "No U.S. Standard of Potency" | 238 |
| BCG Vaccine | 73, 108, 337 |
| B. edematisans Antitoxin | 1 |
| Blood Group Specific Substance A | 149, 164 |
| Blood Group Specific Substance B | 149, 164 |
| Blood Group Specific Substances A and B | 2, 149 |
| Botulism Antitoxin | 17, 73 |
| Blastomycin | 1 |
| Brucella Skin Test Antigen | 2 |
| Cholera Vaccine | 2, 3, 17, 56, 101 |

| PRODUCT | LICENSE NUMBER |
|---|--|
| Cobra Venom with Silicic and Formic Acids | 125 |
| Cobra Venom Solution | 125 |
| Coccioldiolin | 8, 416 |
| Collagenase | 383 |
| Cryoprecipitated Antihemophilic Factor (Human) | 402 |
| Diphtheria Antitoxin | 3, 17, 56, 64, 73, 99, 101, 238 |
| Diphtheria and Tetanus Toxoids | 1, 56 |
| Diphtheria and Tetanus Toxoids Adsorbed | 1, 3, 17, 56, 64, 99, 110, 121 |
| Diphtheria and Tetanus Toxoids and Pertussis Vaccine | 1, 17, 56, 101 |
| Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed | 1, 2, 3, 17, 56, 64, 99, 101, 110, 121 |
| Diphtheria & Tetanus Toxoids & Pertussis & Poliomyelitis Vaccines Adsorbed | 1 |
| Diphtheria & Tetanus Toxoids & Pertussis Vaccine Adsorbed & Poliomyelitis Vaccine | 1, 2, 56 |
| Diphtheria Toxin for Schick Test | 1, 3, 56, 64, 99, 121 |
| Diphtheria Toxoid | 1, 3, 64, 73, 101, 110, 121, 238 |
| Diphtheria Toxoid Adsorbed | 1, 3, 97, 99, 121, 238 |
| Diphtheria Toxoid and Pertussis Vaccine Adsorbed | 110 |
| Factor IX Complex (Human) | 8, 140 |
| Fibrinogen (Human) | 2, 8, 52, 99, 140, 156 |
| Fibrinogen with Antihemophilic Factor (Human) | 2 |
| Fibrinolysin (Human) | 2, 156 |
| Fibrinolysin and Desoxyribonuclease Combined (Bovine) | 1, 2 |
| Fibrinolysin and Desoxyribonuclease Combined (Bovine) with Chloramphenicol | 1 |
| Gas Gangrene Polyvalent Antitoxin | 3, 17, 101, 129 |
| Influenza Typing Serum | 140 |
| | 1 |

| PRODUCT | LICENSE NUMBER |
|--|---|
| Histoplasmin | 1, 17, 99 |
| Immune Globulin (Human), Pepsin-Modified | 2 |
| Immune Serum Globulin (Human) | 1, 2, 8, 17, 52, 64, 99, 110, 140, 149, 156, 171, 258, 379 |
| Influenza Virus Hemagglutinating Antigen | 1 |
| Influenza Virus Vaccine | 1, 2, 3, 17, 56, 101, 110, 393 |
| Lymphogranuloma Venereum Antigen | 17, 52 |
| Measles Immune Globulin (Human) | 1, 17, 56, 140 |
| Measles-Smallpox Vaccine, Live | 2 |
| Measles Virus Vaccine, Inactivated | 56 |
| Measles Virus Vaccine, Live, Attenuated | 2, 17, 56, 110, 376 |
| Modified Plasma (Bovine) | 382 |
| Mumps Immune Globulin (Human) | 8, 140 |
| Mumps Skin Test Antigen | 56 |
| Mumps Vaccine | 17, 56 |
| Mumps Virus Vaccine, Live | 2 |
| Normal Horse Serum | 2, 3, 99 |
| Normal Human Plasma | 113, 165, 171, 182, 185, 187, 192, 215 |
| Normal Human Serum | 113 |
| Normal Rabbit Serum | 99 |
| Normal Serum Albumin (Human) | 1, 2, 8, 17, 52, 64, 73, 99, 110, 140, 149, 156, 171, 258, 386 |
| Oxaphenarsine Hydrochloride | 1 |
| Parfringens Antitoxin | 1, 56 |
| Pertussis Immune Globulin (Human) | 8, 140 |
| Pertussis Vaccine | 1, 3, 17, 56, 99, 101, 110, 121 |
| Pertussis Vaccine Adsorbed | 99 |
| Plague Vaccine | 8 |
| Plasma Protein Fraction (Human) | 8, 140, 149, 171, 258 |
| Pneumococcus Typing Serum | 99 |
| Poison Ivy Extract | 1, 2, 8, 91, 102, 119, 372, 392 |

| PRODUCT | LICENSE NUMBER |
|--|---|
| Poison Ivy Extract Alum Precipitated | 362 |
| Poison Ivy-Oak-Sumac Extracts Combined | 119 |
| Poison Ivy-Poison Oak Extracts Combined | 91 |
| Poison Oak Extract | 8, 91, 372 |
| Poison Sumac Extract | 119 |
| Poliovirus Immune Globulin (Human) | 139, 171 |
| Poliovirus Vaccine | 1, 2, 8, 56, 73, 110 |
| Poliovirus Vaccine Adsorbed | 1 |
| Poliovirus Vaccine, Live, Oral, Trivalent | 3, 17, 338 |
| Poliovirus Vaccine, Live, Oral, Type 1 | 3, 17, 338 |
| Poliovirus Vaccine, Live, Oral, Type 2 | 3, 17, 338 |
| Poliovirus Vaccine, Live, Oral, Type 3 | 3, 17, 338 |
| Polyvalent bacterial antigens with "No U.S. Standard of Potency" | 1, 2, 56, 283, 299 |
| Polyvalent bacterial vaccines with "No U.S. Standard of Potency" | 1, 56, 91, 101 |
| Polyvalent modified bacterial antigens with "No U.S. Standard of Potency" | 1 |
| Polyvalent sensitized bacterial vaccines with "No U.S. Standard of Potency" | 2 |
| Profibrinolysin (Human) | 156 |
| Pseudomonas Polysaccharide | 140 |
| Rabies Vaccine | 1, 17, 56, 99, 101, 121 |
| Radio Chromated (Cr51) Serum Albumin (Human) | 52 |
| Radio-Iodinated (125) Serum Albumin (Human) | 43, 52, 77, 362 |
| Radio-Iodinated (131) Serum Albumin (Human) | 43, 52, 77, 362 |
| Reagent Blood Group Specific Substances A and B | 179 |
| Reagent Red Blood Cells (Human) | 139, 140, 149, 156, 157, 164, 168, 179, 235, 344, 349, 415 |

| PRODUCT | LICENSE NUMBER |
|---|--|
| Red Blood Cells (Human) | 113, 139, 140, 164, 165, 166, 168, 169, 171, 175, 181, 182, 183, 185, 187, 190, 191, 194, 195, 198, 201, 202, 203, 212, 215, 221, 222, 224, 228, 234, 235, 240, 241, 246, 254, 269, 270, 272, 274, 278, 289, 295, 300, 302, 305, 314, 321, 336, 345, 346, 366, 369, 371, 373, 386, 394, 400, 401, 402, 409, 413, 423 |
| Rh ₀ (D) Immune Globulin (Human) | 156 |
| Rocky Mountain Spotted Fever Vaccine | 17 |
| Rubella and Rumps Virus Vaccine, Live | 2 |
| Rubella Virus Vaccine, Live | 2, 376, 430 |
| Russell Viper Venom | 427 |
| Schick Test Control | 56, 64, 99, 121 |
| Single Donor Plasma (Human) | 113, 139, 164, 165, 166, 169, 175, 182, 183, 185, 187, 190, 191, 194, 198, 201, 202, 203, 221, 222, 224, 234, 235, 240, 246, 254, 269, 272, 274, 278, 289, 295, 302, 305, 314, 321, 336, 345, 366, 373, 386, 394, 400, 402, 409, 413, 414 |
| Smallpox Vaccine | 1, 2, 3, 8, 17, 56, 64, 73, 99, 101 |
| Staphylococcus Antitoxin | 73 |
| Staphylococcus Toxoid | 1, 17, 73, 101, 110, 238 |
| Staphylococcus Toxoid & Bacterial Antigen made from Staph. (Albus & Aureus) | 1, 52 |
| Staphylococcus Toxoid & Bacterial Vaccine made from Staphylococcus (Aureus) | 101 |
| Staphylococcus Toxoid-Streptococcus Toxin Bacterial Vaccine made from Staphylococcus (Aureus), Streptococcus (Hemolyticus), Pneumococcus and Menophilius Influenzae | 101 |
| Streptococcus Erythrogenic Toxin | 101 |
| Streptokinase | 325 |
| Streptokinase-Streptodornase | 17, 97 |
| Tetanus Antitoxin | 1, 3, 17, 21, 56, 64, 73, 99, 101, 129, 238 |
| Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use) | 2, 3, 17, 56, 64, 101, 121 |
| Tetanus & Gas Gangrene Polyvalent Antitoxin | 1, 3, 17, 56, 101 |

| PRODUCT | LICENSE NUMBER |
|----------------------------------|---|
| Tetanus Immune Globulin (Human) | 1, 2, 3, 8, 17, 52, 64, 99, 110, 140, 171, 258 |
| Tetanus Toxoid | 1, 2, 3, 8, 17, 56, 64, 73, 101, 110, 121, 238 |
| Tetanus Toxoid Adsorbed | 1, 2, 3, 17, 21, 56, 64, 97, 99, 101, 110, 121, 238 |
| Thrombin | 1, 51, 156 |
| Trichinella Extract | 17 |
| Tuberculin | |
| Old | 1, 17, 56, 64, 99, 121, 384 |
| Purified Protein Derivative | 1, 2, 73, 351 |
| Typhoid Vaccine | 2, 3, 56, 64, 99, 101, 110, 121 |
| Typhoid and Paratyphoid Vaccine | 1, 17, 56, 64, 99, 101, 110 |
| Typhus Vaccine | 2, 17, 56 |
| V. septicus Antitoxin | 56 |
| Vaccinia Immune Globulin (Human) | 140 |
| Whole Blood (Human) | |
| ACD | 84, 99, 113, 139, 140, 156, 164, 165, 166, 167, 168, 169, 170, 171, 173, 175, 178, 181, 182, 183, 185, 187, 190, 191, 192, 194, 195, 197, 198, 199, 201, 202, 203, 204, 209, 212, 213, 214, 215, 218, 220, 221, 222, 224, 226, 227, 228, 230, 231, 233, 234, 235, 237, 239, 240, 241, 244, 246, 248, 249, 251, 254, 259, 260, 261, 263, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 276, 277, 278, 284, 286, 288, 289, 290, 295, 296, 298, 300, 301, 302, 304, 305, 309, 310, 312, 313, 314, 315, 316, 317, 320, 321, 326, 327, 332, 333, 336, 339, 345, 346, 347, 348, 354, 355, 356, 357, 358, 360, 361, 365, 366, 368, 369, 371, 373, 374, 375, 380, 386, 387, 388, 389, 390, 391, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 408, 409, 410, 411, 413, 415, 417, 418, 419, 421, 422, 429, 431, 432 |
| CPD | 113, 140, 187, 195, 212, 214, 215, 228, 230, 231, 233, 237, 246, 248, 254, 259, 267, 269, 270, 271, 288, 290, 301, 302, 312, 313, 315, 327, 345, 354, 356, 368, 368, 373, 374, 380, 387, 398, 399, 401, 402, 409, 413, 419, 423, 425, 428, 429 |

| PRODUCT | LICENSE NUMBER |
|----------------------|--|
| Whole Blood (Human) | |
| Heparin | 113, 164, 165, 166, 169, 173, 182, 185, 190, 191, 212, 221, 222, 224, 240, 241, 254, 268, 269, 272, 274, 295, 301, 302, 305, 321, 336, 345, 354, 380, 386, 396, 400, 401, 402, 415 |
| Yellow Fever Vaccine | 101 |

ALPHABETICAL LIST OF BIOLOGIC PRODUCTS BY CATEGORY

PART IV

ANTITOXINS

B. oedematis Antitoxin
Botulism Antitoxin
Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Perfringens Antitoxin
Staphylococcus Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin
V. septicus Antitoxin

BACTERIAL ANTIGENS

Bacterial antigens with "No U.S. Standard of Potency"
Polyvalent bacterial antigens with "No U.S. Standard of Potency"
Pseudomonas Polysaccharide

BACTERIAL VACCINES

Anthrax Vaccine Adsorbed
BCG Vaccine
Cholera Vaccine
Pertussis Vaccine
Pertussis Vaccine Adsorbed
Plague Vaccine
Polyvalent bacterial vaccines with "No U.S. Standard of Potency"
Typhoid Vaccine
Typhoid and Paratyphoid Vaccine

BLOOD AND BLOOD DERIVATIVES

Aggregated Radio-Iodinated (I131) Albumin (Human)
Antihemophilic Factor (Human)
Antihemophilic Globulin (Human)
Antihemophilic Plasma (Human)
Cryoprecipitated Antihemophilic Factor (Human)
Factor IX Complex (Human)
Fibrinogen (Human)
Fibrinogen with Antihemophilic Factor (Human)
Fibrinolysin (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin and Desoxyribonuclease Combined (Bovine) with Chloramphenicol
Histamine Azoprotein
Immune Globulin (Human), Pepsin-Modified
Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Modified Plasma (Bovine)
Mumps Immune Globulin (Human)
Normal Horse Serum
Normal Human Plasma
Normal Human Serum

BLOOD AND BLOOD DERIVATIVES (Continued)

Normal Rabbit Serum
Normal Serum Albumin (Human)
Pertussis Immune Globulin (Human)
Plasma Protein Fraction (Human)
Polio-myelitis Immune Globulin (Human)
Profibrinolysin (Human)
Radio Chromated (Cr⁵¹) Serum Albumin (Human)
Radio-Iodinated (I¹²⁵) Serum Albumin (Human)
Radio-Iodinated (I¹³¹) Serum Albumin (Human)
Red Blood Cells (Human)
Rho (D) Immune Globulin (Human)
Single Donor Plasma (Human)
Tetanus Immune Globulin (Human)
Thrombin
Vaccinia Immune Globulin (Human)
Whole Blood (Human)
 ACD
 CPD
 Heparin

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Blastomycin
Brucella Skin Test Antigen
Coccidioidin
Diphtheria Toxin for Schick Test
Histoplasmin
Lymphogranuloma Venereum Antigen
Mumps Skin Test Antigen
Schick Test Control
Tuberculin
 Old
 Purified Protein Derivative

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Di^a Serum (Anti-Diego)
Anti-Fy^a Serum (Anti-Duffy)
Anti-Fy^b Serum
Anti-Gr(Vw) Serum
Anti-Human Chorionic Gonadotropic Serum
Anti-Human Serum
Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test
Anti-i Serum
Anti-Jk^a Serum (Anti-Kidd)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS (Continued)

Anti-Jkb Serum
 Anti-Jsa Serum (Anti-Sutter)
 Anti-k Serum (Anti-Cellano)
 Anti-K Serum (Anti-Kell)
 Anti-Kpa Serum (Anti-Penney)
 Anti-Kpb Serum (Anti-Rautenberg)
 Anti-Kpb and Anti-K Serum (Anti-Rautenberg and Anti-Kell)
 Anti-Laa Serum (Anti-Lewis)
 Anti-Lab Serum
 Anti-Lu^a Serum (Anti-Lutheran)
 Anti-M Serum
 Anti-MB Serum
 Anti-Mi^a Serum (Anti-Miltnerberger)
 Anti-N Serum
 Anti-P Serum
 Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho⁺ (Anti-CD)
 Anti-Rho⁺ (Anti-DE)
 Anti-Rhoph⁺rh⁺ (Anti-CDE)
 Anti-rh⁺ (Anti-C)
 Anti-rh⁺ (Anti-E)
 Anti-hr⁺ (Anti-c)
 Anti-hr⁺ (Anti-e)
 Anti-hr⁺ (Anti-V)
 Anti-rh⁺ (Anti-CW)
 Anti-Rho + Rh⁺ (Anti-D + Du)
 Anti-rh⁺ and Anti-K Serum (Anti-(CW+Kell))
 Anti-S Serum
 Anti-s Serum
 Anti-U Serum (Anti-Ss)
 Anti-Wr^a Serum (Anti-Wright)
 Anti-Xga Serum
 Haemophilus influenzae Typing Serum
 Influenza Virus Hemagglutinating Antigen
 Pneumococcus Typing Serum
 Reagent Red Blood Cells (Human)

MISCELLANEOUS

Allergenic Extracts
 Allergenic Extracts Alum Precipitated
 Antivenin (Crotalidae) Polyvalent
 Antivenin (Lactrodectus mactans)
 Antivenin (Micrurus fulvius)
 Blood Group Specific Substance A
 Blood Group Specific Substance B
 Blood Group Specific Substances A and B
 Cobra Venom Solution
 Cobra Venom with Sillicic and Formic Acids
 Collagenase
 Oxophenarsine Hydrochloride

MISCELLANEOUS (Continued)

Poison Ivy Extract
Poison Ivy Extract Alum Precipitated
Poison Ivy-Dak-Sumac Extracts Combined
Poison Ivy-Poison Oak Extracts Combined
Poison Oak Extract
Poison Sumac Extract
Reagent Blood Group Specific Substances A and B
Russell Viper Venom
Streptokinase
Streptokinase-Streptodornase
Trichinella Extract

MODIFIED BACTERIAL ANTIGENS

Polyvalent modified bacterial antigens with "No U.S. Standard of Potency"

MULTIPLE ANTIGEN PREPARATIONS

Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed
Diphtheria and Tetanus Toxoids
Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria & Tetanus Toxoids & Pertussis Vaccine Adsorbed & Poliomyelitis Vaccine
Diphtheria & Tetanus Toxoids & Pertussis & Poliomyelitis Vaccines Adsorbed
Diphtheria Toxoid and Pertussis Vaccine Adsorbed
Measles-Smallpox Vaccine, Live
Staphylococcus Toxoid and Bacterial Antigen made from Staphylococcus (Albus and Aureus)
Staphylococcus Toxoid and Bacterial Vaccine made from Staphylococcus (Aureus)
Staphylococcus Toxoid-Streptococcus Toxin-Bacterial Vaccine made from Staphylococcus (Aureus), Streptococcus (Hemolyticus), Pneumococcus and Hemophilus Influenzae
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

SENSITIZED BACTERIAL VACCINES

Polyvalent sensitized bacterial vaccines with "No U.S. Standard of Potency"

THERAPEUTIC IMMUNE SERUMS

Anti-Hemophilus influenzae Type b Serum
Antirabies Serum

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Staphylococcus Toxoid
Streptococcus Erythrogenic Toxin
Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Adenovirus Vaccine
Influenza Virus Vaccine
Measles Virus Vaccine, Inactivated
Measles Virus Vaccine, Live, Attenuated
Mumps Vaccine
Mumps Virus Vaccine, Live
Poliovirus Vaccine
Poliovirus Vaccine Adsorbed
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3
Rabies Vaccine
Rocky Mountain Spotted Fever Vaccine
Rubella and Mumps Virus Vaccine, Live
Rubella Virus Vaccine, Live
Smallpox Vaccine
Typhus Vaccine
Yellow Fever Vaccine

